

ICT002 General Potocol For RS232

* History : The documentation rename and modified from TEL_DEVICE.DOC
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* Difference : The difference between ICT002 and ICT001 (used in BL-700R) is as below :
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* Action 3 : code 21h,25h,26h,27h,28h,29h,2Ah
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* Usage : The protocol has been used in A7 RS-232.
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* Revised by Jason & Kevin
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* Revised dated : 2003/1/22
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-Transmission Specification -----

Transmission Method	Full Duplex Transmission
Transmission Speed	9600 Baud Rate
Synchronizing Method	Asynchronous Method
Connection Control Method	Request Method
Data Format	
Start bit	1
Data bit	8
Parity bit	Even
Stop bit	1
X parameter	None

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(Bill Acceptor) (Controller)

Action 1

Powerup----- (Power Supply On , One Times Olny)-----

80h (128) ----->

8fh (143) ----->

(Handle Request)

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(Within 2 Second)

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02h (02)

(Handle Response)

(Receive 02h ,Communication Sucessful)

Exception----- (No Received 02h , Within 2 Second)-----

(Communication Failure)

26h (38) ----- > (No Response)

Disable Bill Acceptor To "Inhibit" Status

* But, The Controller Can Transfer Data (02h), Return To Normal Status ,

To restart trade anytime .

Action 2

Escrow----- (When validator verify bill)-----

81h ----- >

(Judge Bill OK)

40h ... 44h ----- >

(Response Bill Value)

(exp : 40h (64)- - - > first Bill Kind (example US\$1)

41h (65)- - - > Second Bill Type (US\$5)

42h (66)- - - > Third Bill Type

43h (67)- - - > Fourth Bill Type

44h (68)- - - > Fifth Bill Type)

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02h (02)

(Request Accept)

< -----

Or

0fh (15)

(Response Reject)

:

:

Stacked----- (When validator verify bill)-----

10h (16) ----- >

(Bill Accept Finish) Or

11h (17) ----- >

(Bill Accept Failure)

Controller need not respond.

-Exception----- (Response Bill Value , No Request "Accept Or Reject Command")----

(5 secs Time Out and Reject Bill Every Time)

(If it continue 2 Times ,Bill Acceptor Response Communication Failure)

